

Holds a B. Sc. in Chemistry & Microbiology and has about 17 years' experience in Power Plants Commissioning, Operation, Maintenance, Start-up and Normal Operation.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 04/04/1982  
Gender : Male  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Chemistry & Microbiology, Alexandria University, 2005

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel), Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: Water treatment course, Metito.  
: Sodium hypo chloride production unit training course, Metito.  
: Waste treatment course, Metito.  
: First aid course.  
: Specialist occupational safety and health course.  
: Advanced occupational safety and health course.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jan. 2023 till now  
**Employer** : Elsewedy Power  
**Project** : Layyah CCPP, Sharjah – UAE  
**Job title** : Lead Chemist  
**Job Description** : All water Treatment and HRSG commissioning and start-up and normal operation.

**Dates** : From Nov. 2021 till Jan. 2023  
**Employer** : Ansaldo Caldaie  
**Project** : Assiut Supercritical New Power Plant 1x650MW  
**Job title** : Lead Chemist  
**Job Description** : Boiler commissioning and start-up and normal operation.

**Dates** : From 2012 till Oct. 2021  
**Project** : Sidi Krir Power Station steam units  
**Job title** : Lead Shift Chemist  
**Job Description** :
 

- Chemical Cleaning, Boiler Clean up, Refractories Dry Out, Steam Blowing, Bypass & Normal Operation.
- Boiler Preservation (Wet & Dry Preservation).
- Start-up of the Sampling System with its Required from Calibration and Reagent Preparation for the Online Analyzers.
- SWAS & CEMS Systems & Sampling Analysis.
- Monitoring Desalination plant (Multi stage flash evaporation unit, MSF unit and R.O. plant).
- Monitoring Sodium hypo chloride unit.
- Have good experience in acid cleaning for Sodium hypo chloride unit and the hypo pipes.
- Water treatment for the Boiler feed water by mixed bed unit produced demineralized water.
- Sewage system and Waste water treatment.
- Worked in Chemistry Lab. from 2019 till now.
- Review the Chemical Cleaning of HRSG & Safety.
- Order all the Required Chemicals, Tools and Maintain in the Chemical Inventory.
- Have good experience in maintenance of pumps and some equipment.
- CEMS (Continuous Emission Monitoring System).

**Dates** : From 2009 till 2012  
**Project** : Abu Qir Power Station  
**Job title** : Senior Chemist  
**Job Description** :
 

- Chemical cleaning, boiler clean up, refractories dry out, steam blowing, bypass & normal operation.
- Start-up of the sampling system with its required from calibration and reagent preparation for the online analyzers.
- Water Treatment System / RO unit / EDI unit / Demineralization System / Electro Chlorination Plant.
- CEMS (Continuous Emission Monitoring System).
- Good experience in mechanical maintenance of engines & pistons and blower.
- Review the Chemical Cleaning of HRSG & Safety.

**Dates** : From 2007 till 2009  
**Project** : Karmouz Power Station  
**Job title** : Shift Chemist

- Job Description** :
- Order all the required chemicals, tools and maintain in the chemical inventory.
  - Water treatment and analysis.
  - Safety Manager (evaluations and risk assessment on environmental and safety hazards of construction and operation activities).
  - Laboratory chemist department.
  - Work on solving problem and find the root causes of problems and put action plans.
  - Good experience in refrigeration & air condition & simple circuit.
- Field of experience** :
- Work on solving problem and find the root causes of problems and put action plans.
  - Developing new adjustments and ideas for the boiler preservation method.
  - Have good experience in mechanical maintenance of engines & pistons and blower.
  - Have good experience in refrigeration & air condition & simple circuit.
  - Have good experience in maintenance of pumps and some equipment.
  - Have good idea in calibrators for laboratory and on-line measuring devices.
  - The lab experiment work very well and with high accuracy.